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22 August 1962

MEMORANDUM FOR THE RECORD

25X1A9a

FROM: [REDACTED]

25X1A5a1

SUBJECT: [REDACTED]

25X1A

2. The following points were discussed:

25X1A5a1

a. Screen Room Size and Floor Loading. It was determined that a 14' x 17' room plus vibration isolating supports, communications equipment and three persons would weigh approximately 13,000 pounds. This is within the load bearing capacity of the floor on which it will stand. The height of the RF shield is 8'. The normal supporting structure for a shock mounted room as supplied by [REDACTED] would preclude its installation under a 8'8" ceiling. A modification was devised utilizing 30 small shock mounts spaced on 40" centers under the screen room. This raises the room 4 5/16" above the floor and affords reasonable visual inspection of the area. Reduction of the height of the external ceiling truss was discussed but no significant conclusion was reached. (During a discussion of the problem the following day the possibility of using modified KV-26 racks as internal ceiling supports was proposed. This will be investigated).

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b. Air Conditioning. [REDACTED] had proposed using three 1 ton air conditioners; Headquarters personnel had proposed using two 1 1/2 ton air conditioners in lieu of the 3 ton unit proposed by [REDACTED] as a hedge the complete lack of cooling if a single unit were to break down. [REDACTED] would not recommend this approach

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They point out that

GROUP 1
Excluded from automatic
downgrading and
declassification

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SUBJECT: Visit [REDACTED]

They point out that 1 or 1½ ton window units, because of the very competitive retail market, were not built to the standards of cooling capacity, efficiency and air delivery which are characteristic of the 3 ton units. In addition, the ducting for two or three units would be larger, more complicated and appreciably more expensive. (We have decided to supply a spare 3 ton unit to insure continuity of service). The air conditioner will be mounted on a wheeled dolly and connected to the screen room by means of flexible ducts and quick release clamps. Air distribution in the room will be through a 3" x 36" ceiling duct.

c. Lighting. The room will be lighted by either eight or ten shallow fluorescent fixtures parallel to the short dimension of the room.

d. Shipping. The method of packing and crate sizes was not settled. [REDACTED] normally uses one inch pine boxes for packing.

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[REDACTED]

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Distribution:

- 1 - Routing/File
- 1 - OC-S
- 1 - OC-TS
- 1 - OC-ED
- ② - Monthly Report
- 1 - SSB Chrono

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